



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



2014 Drought Response Report

State Operations Center

Situation Brief – April 11, 2014

Situational Summary

Information as of 4/09/14

On January 17, 2014 Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for drought conditions. The State Operation Center (SOC) is activated to implement objectives in support of the Governor's priorities. The lack of winter rain and snowfall has resulted in extremely dry conditions in many parts of the State. Reservoir levels are down significantly from where they should be on average for this time of year. If conditions continue without substantial rainfall, severe impacts to municipal water supplies, agriculture (plants and livestock) and firefighting capabilities are likely in store for the State over the next few months. Negative economic impacts will also result.

Dry weather will continue from mid-last week through all of this week. A slight chance of small storms exists for later in the week, particularly along the Sierra Nevada mountain range. Any precipitation from these storms is expected to be minimal.

As our state's rainy season nears its end, much of California has received only about half of normal precipitation for this rainy season. Heavy rain and snow would have to fall throughout California most days in April to reach average annual rain and snowfall levels, which is highly unlikely. Even with such precipitation, California would remain in drought conditions, due to low water supplies in reservoirs from the two previous dry years.

The drought could result in severe impacts to the municipal water supplies, wells, agriculture (plants and livestock) and firefighting capabilities for several months. The SOC continues to be activated to monitor the situation statewide, and support regional and local operational areas.

Situational Summary (cont'd)

Information as of 4/09/14

- The Taskforce continues to meet regularly to take actions that conserve water and coordinate state response to the drought.
- The most recent snowpack survey, conducted on April 1, recorded California snowpack at 32% of normal. A more recent update using automated devices shows snowpack at 35% of normal as of April 6.
- DWR has announced that water essential for health and safety will be delivered through the state water project in spite of the zero allocation policy. Deliveries will be boosted if storms produce enough rain and snow to increase reservoir storage and the snow pack.
- Cal OES continues to gather drought-related costs from state agencies and local governments.

Drought Impacts

1. Drinking Water (Information as of 3/11/14)

- The California Department of Public Health (CDPH) is developing questions that will be included in the upcoming Annual Report (AER) to gather data on water conservation and drought preparedness. The data collection will begin 3/10/2014, with a deadline to complete of 4/18/2014.
- CDPH has established and continually updates the CDPH Drinking Water website, as needed at:
<http://www.cdph.ca.gov/certlic/drinkingwater/Pages/DroughtPreparedness.aspx>.
- CDPH activated an Information Line to answer concerns or questions about public drinking water systems. Contact (855) 737-1796, Monday through Friday, 8:00 AM to 5:00 PM, effective Monday, February 24, 2014.

2. Fires (Information as of 4/8/14)

- 890 fires have been reported across the state since January 1, burning 2,354 acres. This year's fire activity is well above the year-to-date average of 338 fires, burning 1,074 acres. 16 new fires were reported over the past week, most of which were kept small thanks to additional firefighters, fire engines and firefighting aircraft added during this dry winter. Weekly Drought Briefing Monday, April 7, 2014

Drought Impacts (continued)

3. Economic Impacts (Information as of 3/12/14)

- Agriculture Secretary Tom Vilsack declared two more California counties, Riverside and San Diego official disaster areas, bringing the total number of counties in this category to 56 of the 58 counties. Farmers in these counties are eligible for low interest emergency loans and other disaster assistance programs. The remaining two counties (Imperial and San Francisco) are covered as "contiguous" areas – as such, all counties in California are eligible for assistance.
- By law, SBA makes Economic Injury Disaster Loans (EIDLs) available when the U. S. Secretary of Agriculture designates an agricultural disaster. Agriculture Secretary Tom Vilsack declared this disaster on February 26, 2014.
- No information is available yet regarding impact on labor due to drought. Employment Development Department (EDD) will be sending weekly updates.

4. Agricultural Impacts (Information as of 4/8/14)

- CDFA will hold two public stakeholder meetings to discuss its new Water Efficiency and Enhancement Program, as well as receive comments and suggestions for the program's implementation. These meetings will take place on April 11, 2014 at CDFA headquarters, and on April 18, 2014 at the Stanislaus County Agricultural Center in Modesto.
- CDFA Secretary Karen Ross will hold an additional agricultural stakeholder call regarding the drought on Tuesday, April 8, 2014.

5. Community Impacts (Information as of 4/8/14)

- CDFA's drought webpage has been updated to include additional community resources with links and descriptions for the following programs from USDA's Farm Service Agency: Livestock Indemnity Program (LIP), Livestock Forage Program (LFP), Emergency Assistance for Livestock, Honey Bees, and Farm-raised Fish (ELAP), and Tree Assistance Program (TAP). These programs will be open for sign-up in mid-April, 2014 (exact date unknown).

Federal Resources/Actions

Information as of 3/17/14

- U.S. Interior Secretary Sally Jewell travelled to California last week and visited the Jones Pumping Station in Tracy, one of the key components of the Federal Water Project. Secretary Jewell held an in-depth meeting with water contractors who are supplied by federal water reservoirs and toured the Jones Pumping Station. She reiterated the federal government's commitment to supporting California's drought response during her visit.
- **President signs the Drought Information Act:** Congress passed and the President signed a federal bill to reauthorize the National Integrated Drought Information System Reauthorization Act (NIDIS). This act enables a federal early warning system for droughts by providing information, forecasts and assessments to vulnerable states. NIDIS was championed by the Western Governors Association, based on the drought vulnerability of western states.
- Water managers from the U.S. Bureau of Reclamation have announced initial 2014 water allocations to those who receive water from the federal Central Valley Water Project. These allocations include 0% projected allocation to agriculture users south of the Delta, similar to the Department of Water Resources (DWR) allocation in late January, which reflect historic lows in available water. The Bureau will update these allocations in the coming months based on changes in precipitation and drought conditions.
- The Bureau of Reclamation also highlighted longer term actions that will increase the reliability and sustainability of the federal water system in California. These federal actions align with California state government's recently released Water Action Plan.
- The National Aeronautical and Space Administration (NASA) announced it will apply remote sensing technology to detail impacts of the drought, such as fallowed fields and reduced groundwater supplies. NASA is providing this information to the state's DWR to help manage water resources.

State Resources

Information as of 3/10/14

Governor Brown signed emergency legislation that provides funding for shovel-ready water projects and emergency assistance to communities hurt by the drought. The proposal also streamlines state rules to enable more water recycling, strong enforcement of water rights and housing assistance to migrant workers. Funding in the bill includes:

- \$549 million for infrastructure grants to increase storm water capture and use of recycled water, improve management of groundwater storage, and strengthen water conservation.
- \$40 million from the proceeds of the state's cap-and-trade program to help local water agencies improve their water and energy efficiency, help farmers upgrade irrigation and water pumping systems to reduce water and energy use, and to enable retrofits in commercial and residential buildings that improve water and energy efficiency.
- \$25 million for emergency food assistance in areas hard-hit by the drought.
- \$21 million for housing-related assistance to drought victims.
- \$15 million to help communities that face drinking water shortages access alternative water supplies.
- \$14 million to improve groundwater management across the state, including help to disadvantaged communities with groundwater contamination exacerbated by the drought.

State Resources

Information as of 4/1/14

- State and Federal agencies work together to utilize recent precipitation: As California's rainy season nears its end, recent rain and snow provide precious additional water for beneficial use. The Department of Water Resources and Bureau of Reclamation are working closely with the state and federal fish and wildlife agencies to consider actions that balance use of additional water for human, environmental and agricultural purposes. These agencies are conferring with stakeholders and may take action early this week to make use of this additional precipitation. These actions will be detailed on the Water Management Actions subpage of the state's drought information clearinghouse, www.drought.ca.gov.
- The Department of Water Resources and the Bureau of Reclamation are also expected to outline their longer-term water operations for the coming dry months to the State Water Board in the coming days, as they seek approvals from the Water Board that help to enable the state and federal water projects' short and longer-term water operations.
- Water Board approves expedited water transfers in major area of the state: Water transfers between water users in the state and federal water projects became easier last week when the State Water Board approved a "consolidated places of use" petition from the Bureau of Reclamation and the Department of Water Resources. The decision allows water transfers to happen quickly between water users who utilize the state and federal projects. The petition was filed in late February and underwent a month-long mandatory public notice period before it could be approved.
- State and Federal Fish and Wildlife Agencies take action to preserve fish: The Department of Fish and Wildlife and the U.S. Fish and Wildlife Service began an operation to move fish by truck last week from the Coleman National Fish Hatchery in Redding to the Rio Vista area of the Delta. This operation aims to save nearly 30 million hatchlings and will take two to three weeks to complete. It is one of several such actions to preserve endangered fish species during the drought.
- State's Drought Taskforce leaders travel to Santa Cruz: This Friday, April 4, leaders of the Governor's Drought Task Force will conduct their third regional meeting with local officials in Santa Cruz. This meeting will include officials from Monterey, San Benito and Santa Cruz counties and provide the Taskforce real-time information on drought challenges that local communities face.

State Resources

Information as of 4/11/14

- State holds meeting with community groups on drought impacts: California Volunteers—state government's volunteer and philanthropic outreach arm—and the California Endowment held an information gathering session last week in Salinas to better understand how foundation or corporate support for drought response can be directed. The next meeting of this effort will be held in Fresno in April.
- Public meetings on grants for agricultural water efficiency: The California Department of Food and Agriculture announced that it will hold two public meetings on April 11 and April 18 to help develop its \$10 million grant program for farm-based water efficiency projects. This program is funded by cap and trade proceeds and expedited under the State's recent emergency drought legislation.
- Local government toolkit now available: The Governor's Office of Planning and Research has posted online its drought toolkit for local governments, which outline actions that communities can take to respond to the drought. Debbie Davis, Local Drought Liaison, is leading this effort (drought.clearinghouse@opr.ca.gov, 1-916-327-0068).
- Tribal consultation: Last week on March 21, the Governor's Tribal Advisor held a Statewide Consultation Call with Tribal leaders to continue discussions on drought response with Drought Task Force officials.
- Government Facilities Training: The Department of General Services held a water conservation training last week for facility managers from state and local governments, as well as school districts across the state, to provide information and support to their water use reduction efforts. Over 300 managers from across the state participated.
- Cost Data: Cal OES continues to gather drought-related costs from state agencies and local governments, which is reported weekly to the Drought Taskforce.
- Governor's Drought Task Force: The Taskforce continues to meet weekly to take actions that conserve water and coordinate state response to the drought.

State Advance/Strategic Planning

Information Current as of 4/11/14

State actions looking forward for 30, 60,120 days ahead will focus on:

- State and federal funding and legislative actions.
- Agricultural support, including USDA programs and other assistance to farmers.
- Actions to address water system operations and water supply, including curtailments, transfers, delta emergency actions.
- Actions to assess and assist with emergency needs related to drinking water.
- Assessment of hydropower generation, and any direct or indirect impacts to the electricity supply.
- Actions to address long-term habitat preservation.
- Community support needs and delivery of needed services such as food, rental/housing assistance, utilities assistance and support to non-profit organizations.
- Public health and safety issues such as increased fire threat, security threats, and activation of contingency plans.
- Actions to anticipate and address air quality impacts from continuing drought.

Current Missions

Information Current as of 4/11/14

Current Missions:

- There are no current missions open at this time.
- Mission 2014-Inland-2185 Tuolumne County was completed on March 25, 2014.

County Drought Task Force Meetings

Information as of 4/10/14

County	Previous Meetings	Upcoming Meetings
Butte	2/18/2014	5/19/2014
Kern	3/13/2014	4/10/2014
Madera	3/11/2014	4/29/2014
Merced	3/19/2014	4/17/2014
Modoc	2/12/2014	
Nevada	2/28/2014	4/15/2014
Placer	3/12/2014	
Plumas	3/17/2014	4/14/2014
Sacramento	3/21/2014	4/11/2014
San Joaquin	3/19/2014	4/17/2014
Siskiyou	3/12/2014	
Stanislaus	3/19/2014	5/8/2014
Sutter	3/13/2014	4/10/2014
Tehama	2/18/2014	
Tulare	3/10/2014	4/14/2014
Tuolumne	3/28/2014	4/24/2014
Coastal Region		
County	Previous Meetings	Upcoming Meetings
Mendocino	2/26/2014	4/16/2014
Monterey		
San Mateo	3/18/2014	
Santa Clara	2/27/2014	
Solano	3/31/2014	
Southern Region		
County	Previous Meetings	Upcoming Meetings
San Luis Obispo	3/19/2014	
Santa Barbara	3/12/2014	Postponed
Orange	4/1/2014	



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County Updates

INLAND REGION UPDATES

Amador (as of 4/10/14)

- Amador County continues to monitor the drought situation and consider appropriate actions in response.

Butte(as of 4/10/14)

- Awaiting survey results concerning Small Water Systems as requested by CDPH. Next week we should have clearer picture of the survey results.

Calaveras (as of 4/10/14):

- On 4/10/2014 Calaveras County OES will be having a drought impact meeting with stakeholders to discuss water conservation measures, short and long term drought impacts, need for emergency ordinances and/or local proclamation

County Updates (continued)

Inland Region Updates

Kern (as of 4/10/14):

- Kern Co. Drought Task Force meeting at the Kern County Emergency Operation Center, 2601 Panorama Drive, Building B, on Thursday April 10, 2014 at 0900.
- Per Steve Cantelme (OES Director), Sacramento Co has no new information. Next drought task meeting is scheduled for April 11 2014

Kings (as of 4/10/14):

- Drought Resolution renewed by Kings County BOS

Madera (as of 4/10/14):

- Madera County OES is working with American Red Cross to secure 7 pallets of canned water to disburse throughout the region. Hopefully more will be provided at later dates/or as needed. ARC will be working on logistics for the delivery of the water throughout the region and is requesting location site information.
- OES will also be working with Central CA Animal Disaster Team in preparing for incident as it progresses.
- Next Drought Task Force meeting scheduled for Tuesday, April 29, 2014.
- MC Web EOC site down and not able to access to capture other drought-related data. Once site is operating, OES will review and forward other data if posted.

County Updates (continued)

Inland Region Updates

Merced (as of 4/10/14):

- Working closely with CDPH regarding two water systems; Planada CSD – System No. 2410007 – One of the engineers visited this water system this week and learned that source capacity of their wells has dropped off. In an effort to increase source capacity, the CSD is requesting reactivation of one of their standby wells. They are also going to try to secure funding for additional improvements that would help to increase the source capacity. At this time, there is no significant threat of an outage. CDPH will continue to monitor the situation closely and provide us with any updates.
- Santa Nella CSD – System No. 2410018 – Continues to try to pursue funding for purchasing the more expensive surface water. Moving forward with a proposal to consolidate San Luis Water District into the CSD to increase the customer base. They continue to explore potential sites for a test well that is being funded by the Department's P84 funds.
- Next Drought Taskforce Meeting April 17th.
- Drought Proclamation Renewed, next Renewal will be April 22, 2014

Nevada(as of 4/10/14):

- OES, NID, Ag Commissioner briefing the BOS on Tuesday April 8, 2014.
- NID Board meeting on Wednesday April 10, 2014. May declare a Drought Emergency.
- Next Drought Planning Group Meeting scheduled for August 15, 2014

County Updates (continued)

Inland Region Updates

Placer (as of 4/10/14):

- The Nevada Irrigation District is having a board meeting tomorrow and will be considering a Stage 2 drought declaration.

Solano (as of 4/10/14)

- Drought task force met Monday 3/31 to discuss Drought Emergency Proclamation. Will bring in General Services Department Manager for County to add additional expertise for next meeting.
- Ag Commissioner has concerns about Delta salinity once barriers are set in place and the affect on irrigation on some Islands. A few North County farms are without irrigation support as well.
- April 15 Disaster Council Meeting will be Drought specific with presentations from Ag and water agencies in Solano County.

San Joaquin County (as of 4/10/14):

- Due to a schedule conflict, the next Agricultural Drought Task Force meeting will be moved to April 17th.
- South San Joaquin County Irrigation District has decided to fill Woodward Reservoir in Oakdale. The reservoir will be filled May 1st through July 7th.
- Information on the CDFA assistance briefing in Modesto April 11th and 18th will go out to the Task Force and Advisory Group members.
- Next Steps: Continued education will be of the utmost importance in the coming weeks. Keep all jurisdictions updated on situations and actions taken by state and federal agencies to assist during the drought. Agencies and districts will continue assessing water availability and quality.

County Updates (continued)

Inland Region Updates

Sierra (as of 4/10/14):

- Yuba pass snow fall went from 0 to 3 ft. in a matter of two days. No new snowfall, and none expected

Siskiyou (as of 4/10/14):

- County OES is still working with the City of Montague on their water issues. We have been working with Kevin Demers from the local USDA Office on applying for a grant to complete a project for the City of Montague. We have run into several issues during this process, but are continuing to work on solutions.
- There is a water meeting in Montague at Montague City Hall on 04/07/14 at 1:30pm to further discuss water concerns and possible funding and assistance that may be available.
- We are continuing to receive completed Ag Surveys for county farmers, ranchers and other businesses.
- We have begun the process of developing a spreadsheet that will document estimated drought impacts for the county.
- We will also be developing a survey for economic impacts to non-agricultural county businesses.

Stanislaus(as of 4/10/14):

- Due to recent precipitation, Turlock Irrigation District is delaying the beginning of the irrigation season to April 10, 2014. The new dates for the delivery of irrigation water are 4-10 through 10-8-2014. The cap remains at 20 inches of water per acre. The Water Department Distribution Manager may change the dates of the season depending on crop needs and weather.

County Updates (continued)

Inland Region Updates

Tuolumne (as of 4/10/14):

- Next drought task force meeting tentatively scheduled for 4/24/14.
- Tuolumne will hold their first community forum at the Sonora Opera Hall on April 30 from 6:30-8:00 pm.
- Tuolumne OES is coordinating with TUD regarding our media outreach and organizing the community forums.

Yolo (as of 4/10/14):

- The Yocha Dehe Wintun Nation signed a Declaration of Drought Emergency on March 25th. They subsequently met with DWR on April 8th who is assisting them with this.

Yuba (as of 4/10/14):

- Yuba County OES continues to coordinate with and monitor County Agencies and Special Districts for Drought issues.

County Updates (continued)

SOUTHERN REGION UPDATES

San Luis Obispo County (as of 4/10/14)

- Due to severe drought conditions, the California Fish and Game Commission adopted, on February 5, 2014 the recommendation of the California Department of Fish and Wildlife to implement emergency regulations that close certain waters to fishing; for San Luis Obispo County this includes all portions of any coastal stream west of any Highway 1 bridge until April 30.

Santa Barbara (as of 4/10/14)

- Drought Task Force meeting originally scheduled for April 9, 2014 has been postponed. BOS Re-Ratification-April 15th, 2014.

County Updates (continued)

Coastal Region Updates

Contra Costa (as of 4/11/14):

- EBMUD: reservoirs as of Thursday 3/27 were 76% of average, or 62% of capacity and precipitation in our Mokelumne River basin was 52% of average.

Marin (as of 4/11/14)

- Reservoir levels continue to increase slightly and are now at 81% of capacity and 88% of normal. The recent storm produced 5.03 inches of rain.
- Our annual total rainfall to date is now 31.94 inches compared to the average of 47.05 for this date. We are reaching the end of the rainy season, and there is no rain predicted in the next ten-day forecast.
- The 25% voluntary water use reduction request is still in place.
- No other changes to report. No requests. No Proclamations. No task force.

County Updates (continued)

Coastal Region Updates

Mendocino (as of 4/11/14)

- Public Health Drinking Water is still working with Caspar South's funding but learned of a glitch in that some of their calculations may have been off and so they might have more water than they realized. That funding project is stalled until they are able to get more input from their engineer/manager.
- Both the reservoirs in Willits and Brooktrails are full.
- Willits is now working with Public Health Drinking Water regarding other sustaining projects.
- Brooktrails will have a report on potential well locations based on their sounding in the near future at the next Emergency Ad Hoc Committee Meeting.
- Redwood Valley County Water District has been moving forward with the intertie, they are working with the County to obtain permits to continue. Redwood Valley County Water Districts has not been removed from the critical list due to the upcoming Russian River Flood Control meeting. RRFC ensured RVCWD at their meeting they would sell them 355 ac/ft for domestic use-this has not been confirmed. At this meeting that there was significant disagreement about it on the Board and that they were going to revisit it on the April 14th meeting.
- Public Health Drinking Water has been working closely with the Mendocino Coastal areas matching people and resources together.
- PHDW is also working with the Ukiah Valley water agencies on establishing permanent interties all along the Ukiah Valley. This is a really important long-term project. We are hopeful the IWRM group will be looking at this as a possible funding project. PHDW is also working with Fort Bragg on a project for raw water storage ponds. Coastal communities rely on them to be able to haul water to coastal cities. This would be an important project for future droughts and they seem pretty shovel ready.
- The next Mendocino County Emergency Ad Hoc Committee meeting is scheduled for April 16th at 1:00 p.m.
- April 8, 2014 the BOS approved the continued Drought Declaration.



County Updates (continued)

Coastal Region Updates

Napa (as of 4/11/14):

- Last night April 8, 2014 the St. Helena City Council agreed to lift the city's Phase II water restrictions. Voluntary water conservation measures remain in effect.

Sonoma(as of 4/11/14)

- Two water systems in OA are being placed in "vulnerable" status by CDPH, Mt. Taylor Mobile Home Park and Timber Cove County Water District. Meeting in Santa Rosa with them on April 17.

Weather Synopsis by Region

Information as of 4/11/14

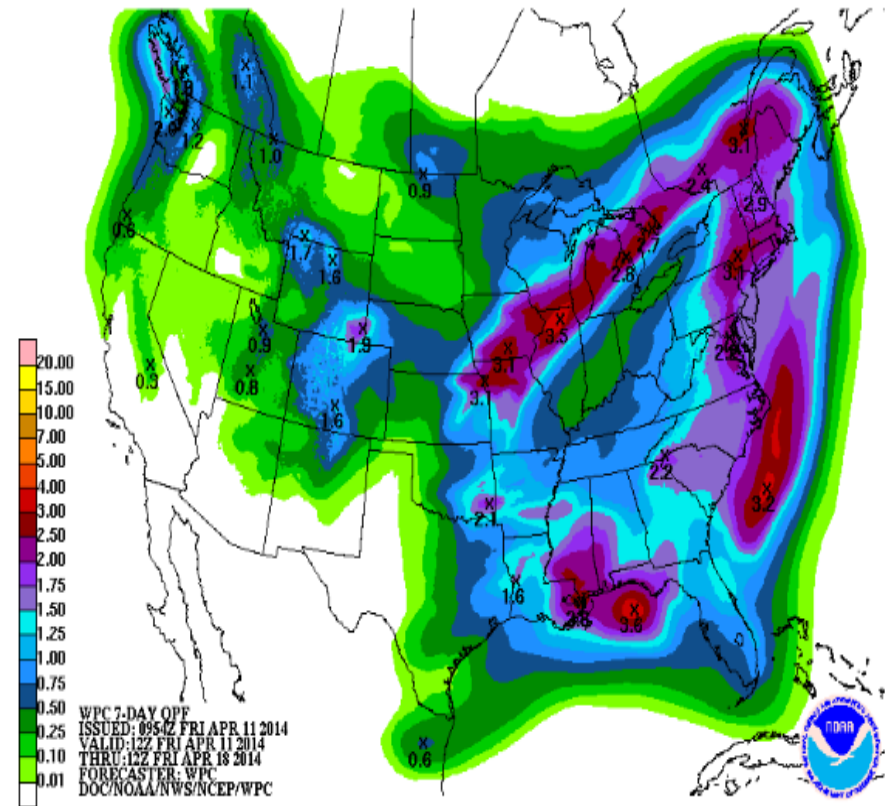
Northern & Central California

Eureka Weather:

There is a slight chance of thunderstorms developing over the mountains this afternoon and evening as an upper low passes to the south. Otherwise, upper level ridging over the West Coast will maintain warm and dry weather through the weekend. A pattern change will develop next week as an upper level trough impacts the district.

San Francisco Weather:

A weak upper level low pressure system west of Southern California will move east towards the coast today spreading mainly high clouds across much of the state. Coastal low clouds and fog will persist night and morning hours.



<http://www.hpc.ncep.noaa.gov/qpf/day1-7.shtml>

Weather Synopsis by Region

Information as of 4/11/14

California Precipitation Graphic

72 hour (4/8/14-4/10/14)

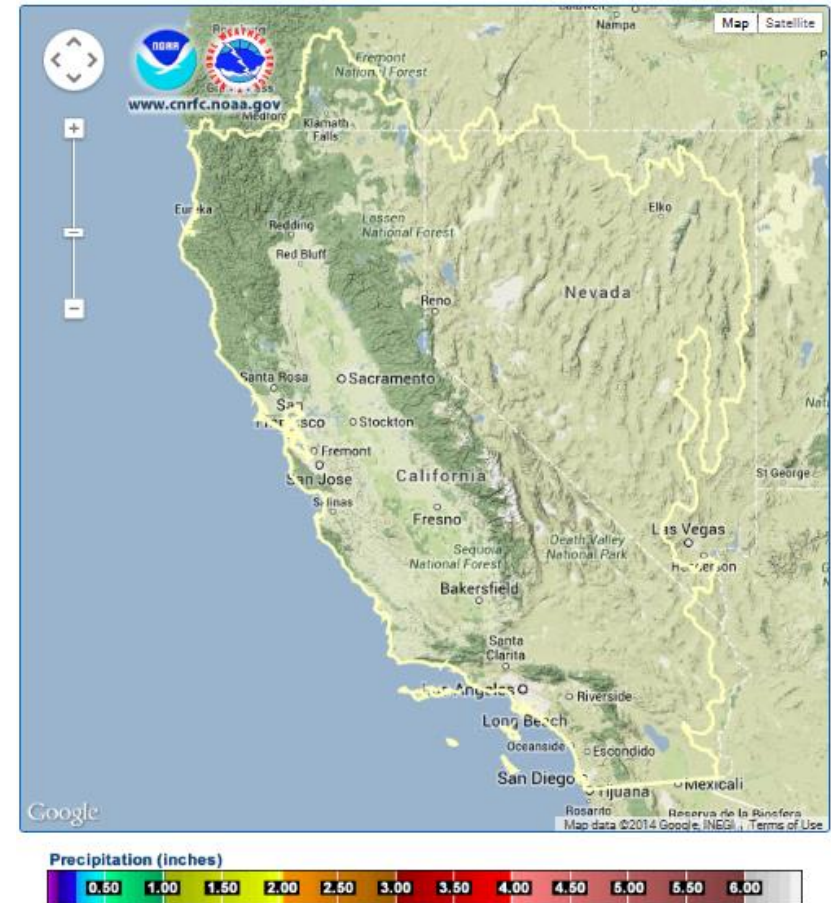
Central California and Southern San Joaquin Valley

Sacramento Weather:

A weak system will bring a slight chance of showers and thunderstorms mainly over the mountains Friday and Saturday. High pressure and well above normal temperatures dominate into early next week, followed by a series of weak troughs that move through northern California by the middle of next week.

Hanford Weather:

Temperatures will remain above normal through Tuesday. An approaching low pressure system will bring some cooling and a chance of showers and isolated thunderstorms over the Sierra Nevada by Friday afternoon and temperatures will see little change. Much cooler weather and another chance of mountain showers is expected during the middle of next week.



<http://www.cnrfc.noaa.gov/google.php>

Weather Synopsis by Region

Southern California Information as of 4/11/14

Los Angeles Weather:

An upper level low pressure system will approach the Los Angeles area today and tonight. This will bring cooler weather and an increase in marine layer cloud coverage through the weekend. An increase in onshore flow will also bring gusty winds to the mountains and the Antelope Valley. Some warming is likely early next week as high pressure builds followed by another round of cooling by the middle of next week.

Orange, San Diego, Western Riverside, and Southwestern San Bernardino Weather:

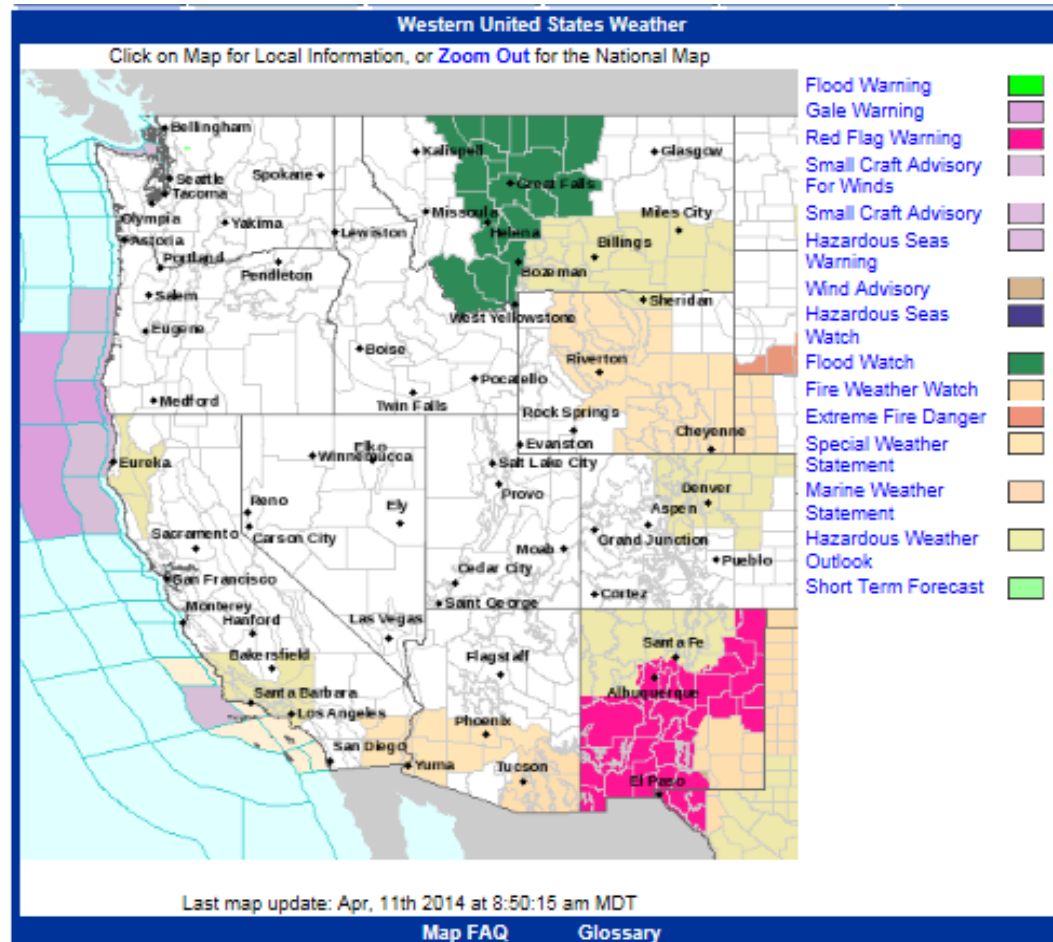
Partly cloudy skies are forecast for today with some coastal fog this morning. A low pressure trough will move through Southern California today and Saturday bringing cooler weather with a slight chance of showers or patchy drizzle tonight. Fair and warmer conditions are expected for Sunday and Monday with some night and morning coastal clouds. Another trough will bring more clouds with cooler and breezy weather for the middle of next week.

Southeast California Weather:

A weak low pressure system approaching Southern California tonight will move across southwestern California Saturday. This system will bring considerable cloud cover and a slight chance of showers or brief thunderstorms primarily over the mountains before moving off to the east late Saturday. A cold front will bring gusty north winds late Sunday into Monday along with temperatures dropping to near normal early next week.

State Weather Map

Information as of 4/11/14



<http://www.wrh.noaa.gov/>



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National 7-day Significant
Fire Potential Outlook



Legend
Fuel Dryness

- Moist - Little or no risk for large fires.
- Dry - Low risk of large fires in the absence of a "High Risk" event.
- Very dry - Low/Moderate risk of large fires in the absence of a "High Risk" event.
- Data Unavailable.

High Risk Events

- W Wind
- H Hot and Dry
- Lightning

- Missing Stations
- None

California - North Area 7 Day
Significant Fire Potential

Predictive Service Area	Wed Apr 9	Thu Apr 10	Fri Apr 11	Sat Apr 12	Sun Apr 13	Mon Apr 14	Tue Apr 15	Wed Apr 16
NC01 - North Coast								
NC02 - Mid Coast								
NC03A - Bay Area-Marine								
NC03B - Diablo/Santa Cruz Mtns								
NC04 - Northwestern Mtns								
NC05 - Sacramento Valley								
NC06 - Northeast CA								
NC07 - Northern Sierra								
NC08 - East Side								

Weather

Eastern Pacific high pressure will dominate our weather pattern through the weekend with mostly fair conditions and above normal temperatures. However, a weak low moves onshore across central CA underneath the high on Friday. This could destabilize the atmosphere enough for isolated showers/T-storms across the coastal range north of the Yolla Bolla's as well as the Sierra/Cascades eastward Fri-Sat. Otherwise clearing and warmer Sunday into early Monday with NE/offshore winds.

By Monday a cold front approaches from the NW. This system could produce more widespread afternoon showers and T-storms for NW CA and the Sierra/Cascades early next week.

Detailed weather briefing available online Mon-Wed-Fri at:
http://gacc.nifc.gov/oncc/predictive/weather/brief_files/brief.mpd

Fuels/Fire Potential

The warmer dry weather has started pushing dead fuel moistures at lower elevations toward the drier end of the 'Moist' category. Through the weekend several of our PSAs will be seeing a mix of marginally **Dry**, to marginally **Moist** fuels. A significant difference in the effects of the current sunnier dry weather in these valleys, compared to that of the earlier January drought time, is that now there is a more continuous/taller annual grass crop, that for now at least, remain **mostly** green. Fuels between 5000-7000 ft are seeing the most recent snowfall disappear rapidly this week, as Nm CA snowpack remains at historical lows for this time of year.

Even with the 7-week duration wetter period we had, most of Northern California remains in **Severe to Extreme** longer-term drought. For the latest drought map see: <http://droughtmonitor.unl.edu/Home/StateDroughtMonitor.aspx?CA>

Resources





- North OP5: Preparedness Level 1
- National: Preparedness Level 1

MACS Mode 2





Legend

Fuel Dryness

	Moist - Little or no risk for large fires.
	Dry - Low risk of large fires in the absence of a "High Risk" event.
	Very dry - Low/Moderate risk of large fires in the absence of a "High Risk" event.
	Data Unavailable.

High Risk Events

-  Windy and Dry
-  Lightning

Missing Stations

- Devore

California - South Area 7 Day Significant Fire Potential

Issued: Friday, Apr 11, 2014

Parameters: None 

Predictive Service Area	Thu Apr 10	Fri Apr 11	Sat Apr 12	Sun Apr 13	Mon Apr 14	Tue Apr 15	Wed Apr 16	Thu Apr 17
SC01 - Eastern Sierra								
SC02 - Central Sierra								
SC03 - Southern Sierra								
SC04 - Sierra Foothills								
SC05 - Central Valley								
SC06 - Central Coast Interior								
SC07 - Central Coast								
SC08 - South Coast								
SC09 - Western Mountains								
SC10 - Eastern Mountains								
SC11 - Southern Mountains								
SC12 - Lower Deserts								
SC13 - Eastern Deserts								
SC14 - Central Mojave								
SC15 - Upper Deserts								
SC16 - Northern Deserts								

Weather

An area of low pressure approaching Point Conception will cause the ridge of high pressure over California to weaken further bringing around 5 degrees of cooling today, with mid 60s to mid 70s across the mountains and 80s in the valleys. Minimum humidity will remain in the single digits and teens away from the coast and Central Valley today. This low pressure area will move inland over Southern California Saturday causing temperatures to cool to near normal and minimum humidity to increase to between 15% and 30%. Isolated showers and thunderstorms will form over the Sierra this afternoon through Saturday evening. **Westerly winds of 15 to 25 mph with gusts to 40 mph will surface across the desert passes through Saturday evening.** A ridge of high pressure will build into California from the Pacific Ocean bringing a warming and drying trend to the region Sunday and Monday. Temperatures will warm to around 15 degrees above normal and minimum humidity will drop down into the single digits and teens away from the San Joaquin Valley by Monday. **There will be north to east winds of 15 to 25 mph with gusts to 40 mph across the mountains and below the canyons and passes of Southern California Monday morning.** The ridge will weaken causing temperatures to cool a few degrees Tuesday and Wednesday.

Fuels/Fire Potential

The potential for large fire will remain low through the forecast period. Thunderstorms over the Sierra will be isolated and be accompanied by some rainfall over the next couple of days, so they will not cause an elevated threat for large fire. Offshore winds over Southern California Monday will be too brief to significantly increase the large fire threat. Expect light initial attack activity across the region through the forecast period.

Resources

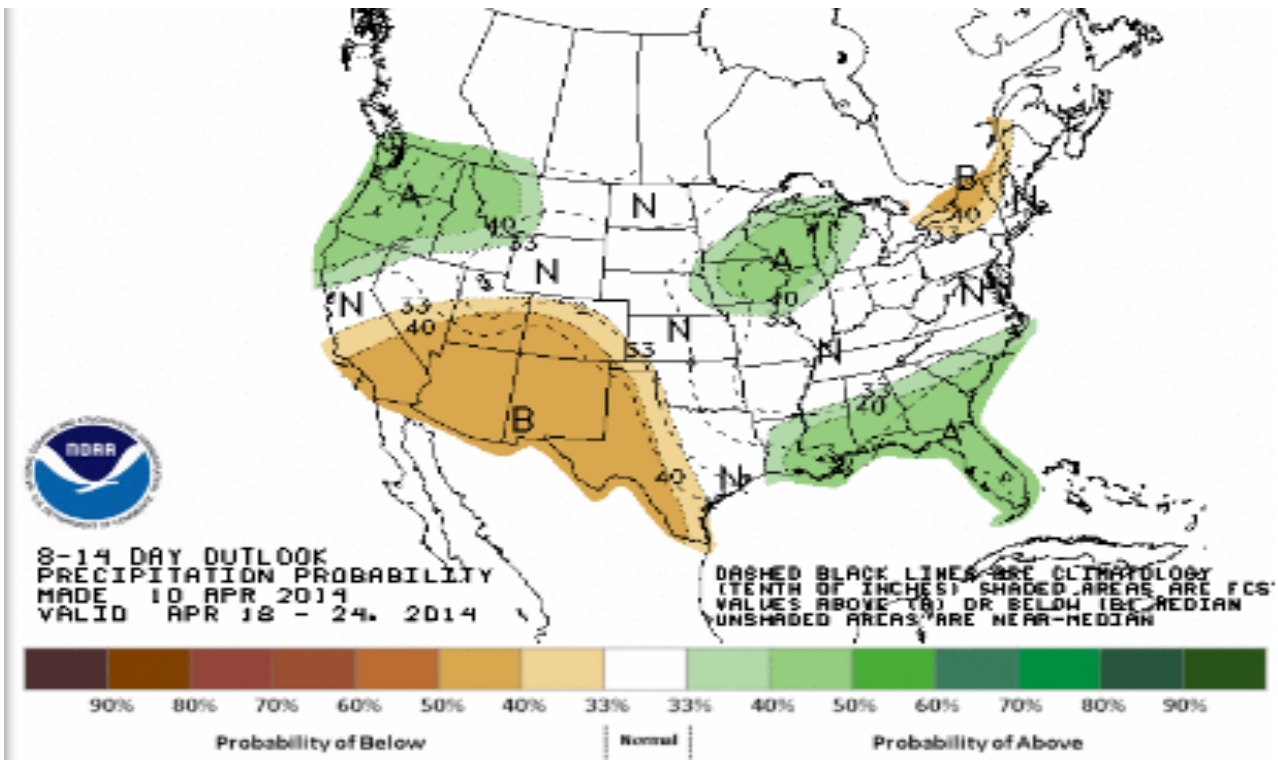
CWCG Preparedness Level 2, MACS Mode 2

<http://psgeodata.fs.fed.us/7day/action/forecast/8>



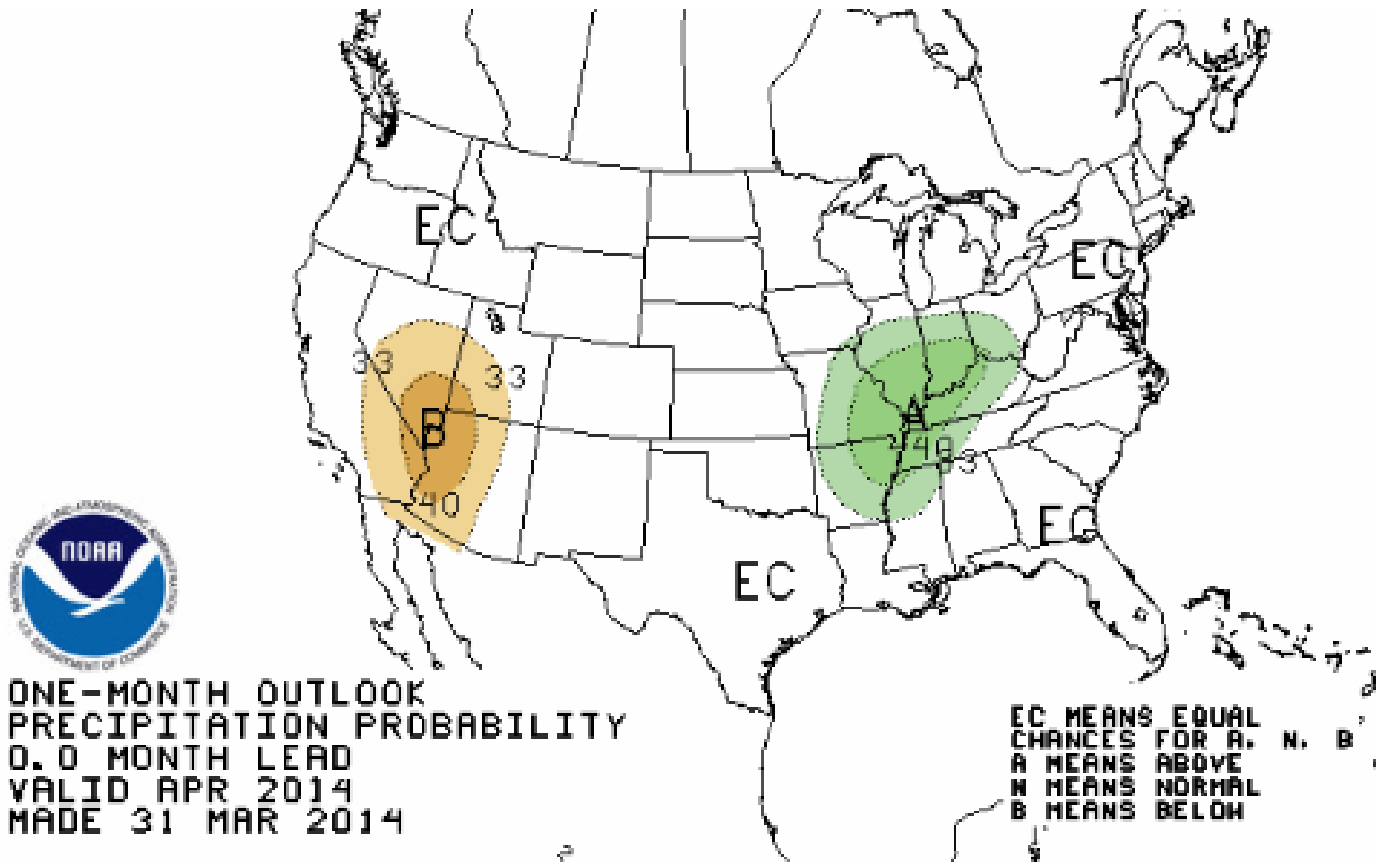
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8-14 Day Precipitation Probability Outlook for April 18 – April 24, 2014



<http://www.cpc.ncep.noaa.gov/products/predictions/814day/>

March-April Precipitation Probability Outlook



<http://www.cpc.ncep.noaa.gov/products/predictions/30day/>



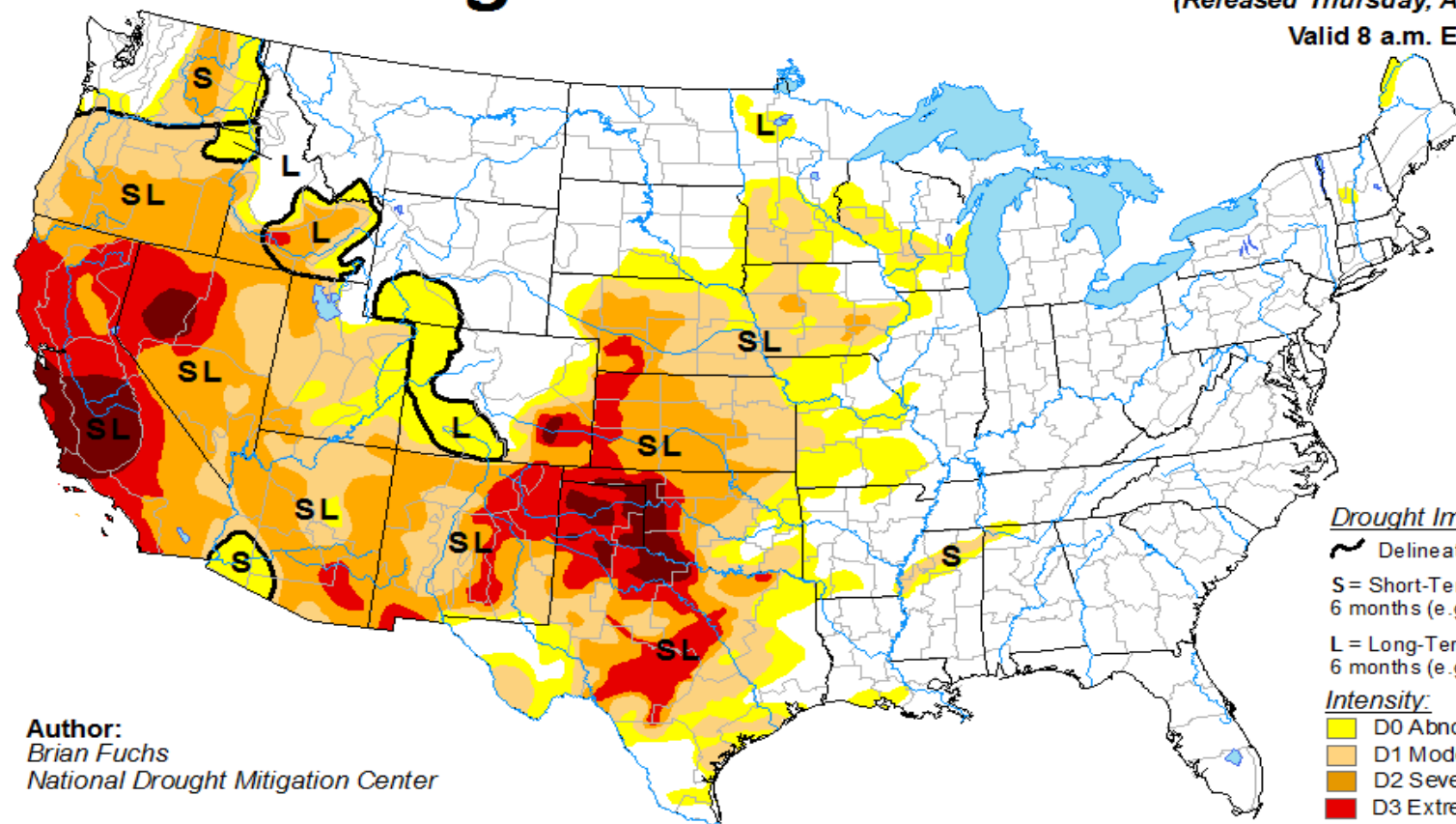
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U.S. Drought Monitor

April 8, 2014

(Released Thursday, Apr. 10, 2014)

Valid 8 a.m. EDT



Author:
Brian Fuchs
National Drought Mitigation Center

Drought Impact Types:

~ Delineates dominant impacts

S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)

L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:

Yellow D0 Abnormally Dry

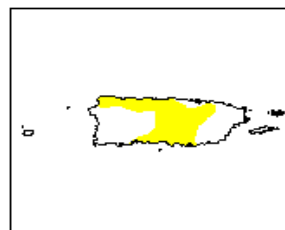
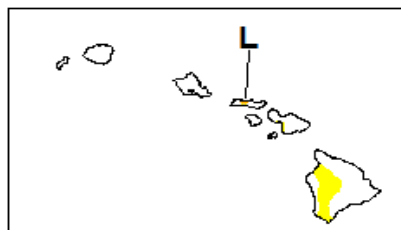
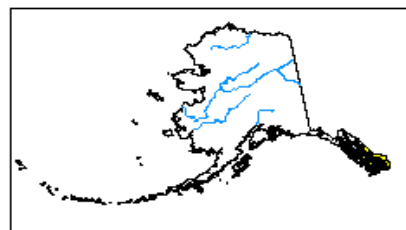
Light Orange D1 Moderate Drought

Orange D2 Severe Drought

Red D3 Extreme Drought

Dark Red D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

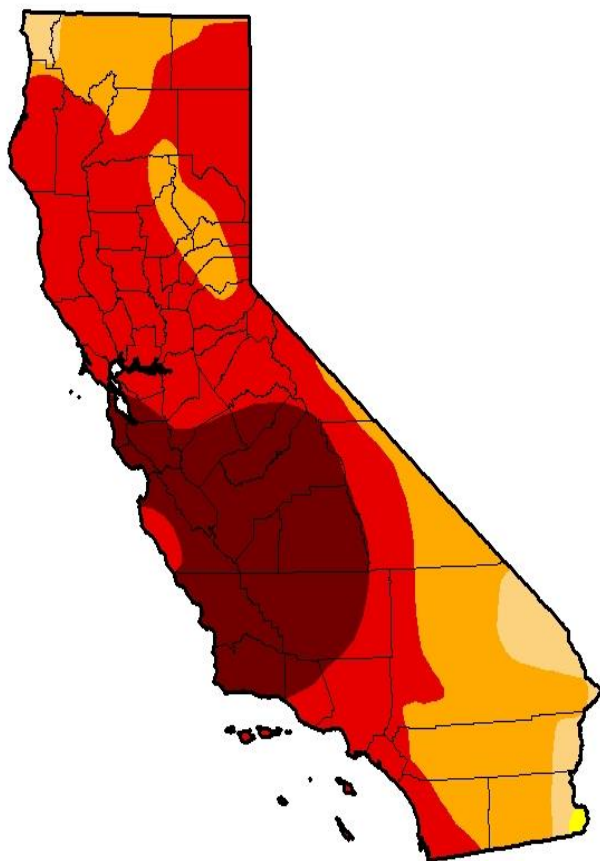


<http://droughtmonitor.unl.edu/>

S
CES

Weather Summary - Current Drought Conditions in California

U.S. Drought Monitor California



April 8, 2014

(Released Thursday, Apr. 10, 2014)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.81	95.21	68.76	23.49
Last Week 4/1/2014	0.00	100.00	99.81	95.21	68.76	23.49
3 Months Ago 1/7/2014	1.43	98.57	94.25	87.53	27.59	0.00
Start of Calendar Year 12/5/2013	2.61	97.39	94.25	87.53	27.59	0.00
Start of Water Year 10/1/2013	2.63	97.37	95.95	84.12	11.36	0.00
One Year Ago 4/9/2013	2.84	97.16	48.39	23.22	0.00	0.00

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:

Brian Fuchs

National Drought Mitigation Center



<http://droughtmonitor.unl.edu/>

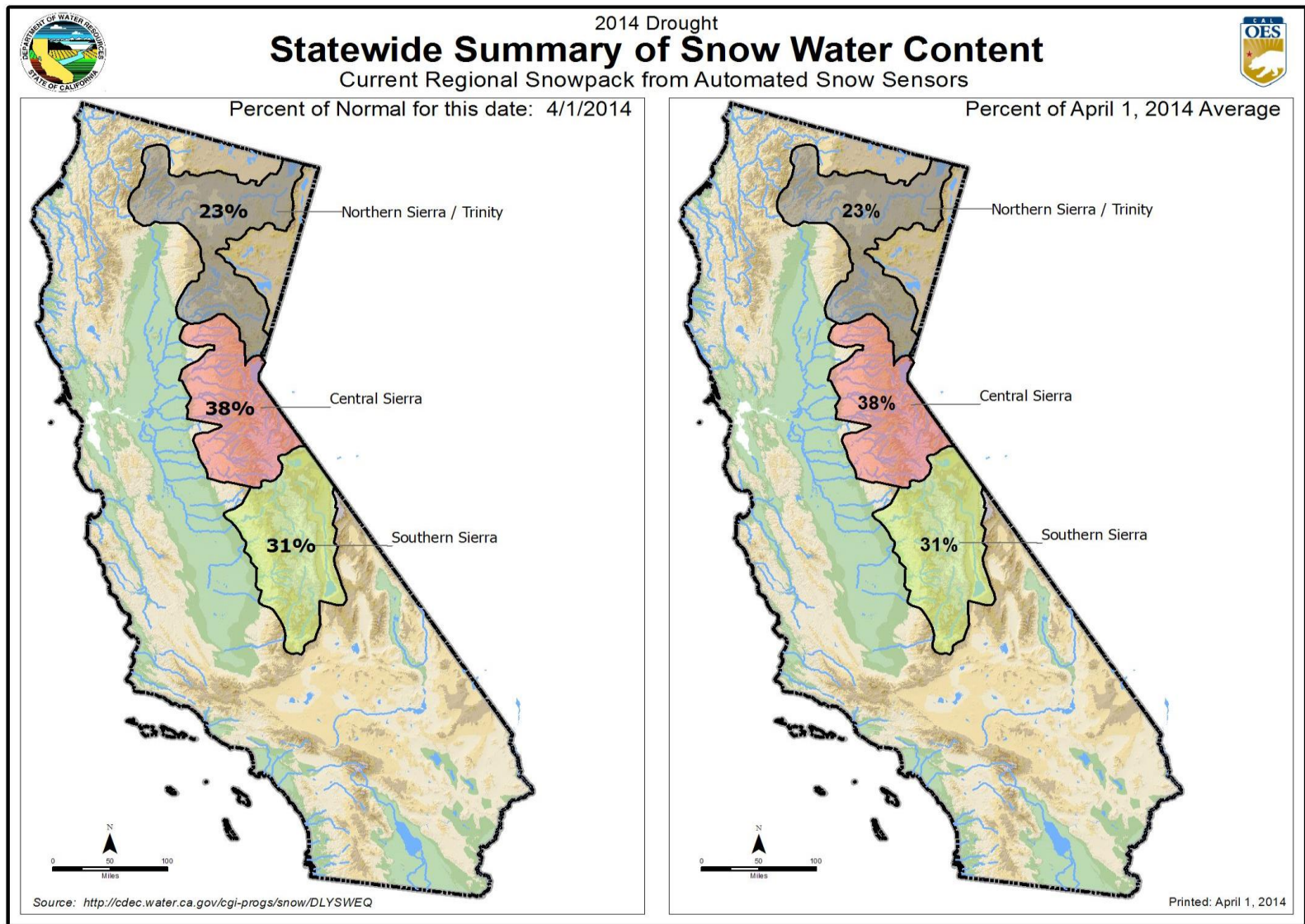
The D4 (Exceptional Drought) is the worst drought category on the Drought Monitor and **the first time it's been used in California since this monitoring system started in 2000.** The degradation was made due to historically low rainfall amounts so far this winter, long-term precipitation deficits stretching several years, and a growing number of increasingly significant drought impacts. **In addition, 68% of California is now covered by D3/D4 conditions.**

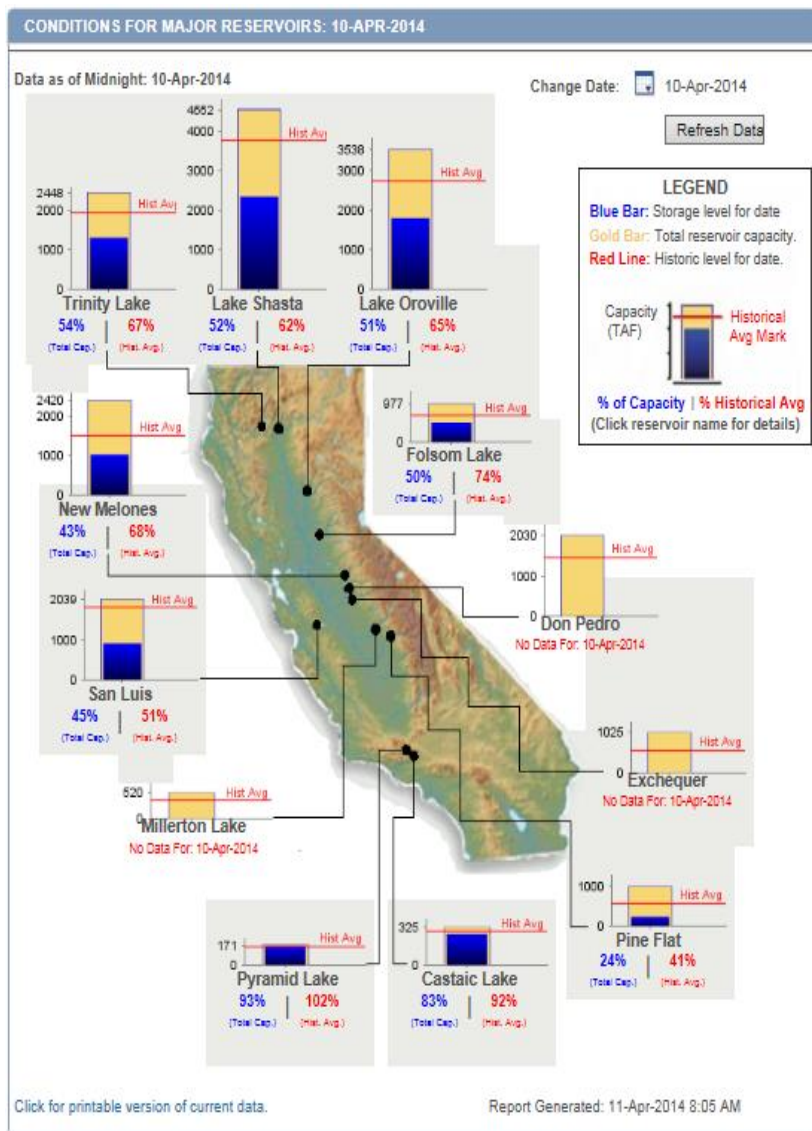
<http://droughtmonitor.unl.edu/Home/StateDroughtMonitor.aspx?CA>

<http://www.wrh.noaa.gov/sto/droughtca.php>



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Reservoir Levels

Many parts of California -- including Sacramento and Los Angeles -- marked calendar year 2013 as the driest on record. These extremely dry conditions follow two previous dry years statewide.

Storage in the reservoirs that typically help California cope with dry weather are well below average for this time of year.

River levels are low around the state. Along the North Coast, the Russian River, and the upper Sacramento River, levels are at their lowest points ever for this time of year.

Some water districts with a diversified portfolio of water sources and ample storage -- such as the Metropolitan Water District of Southern California, which serves 19 million people -- are prepared to weather a third dry winter.

Farmers who depend heavily on the State's two biggest water projects, the Central Valley Project and State Water Project, face minimal and uncertain supplies.

Proclamations

State

1/17/14 Governor Edmund G. Brown proclaimed a State of Emergency

Counties

Glenn (1/22/14)
 Inyo (1/29/14)
 Kern (1/14/14)
 Kings (1/14/14)
 Lake (1/17/14, ratified 3/4/14)
 Madera (1/17/14)
 Mendocino (1/7/14)
 Merced (2/25/14)
 Modoc (3/4/14)
 San Joaquin (2/25/14)
 San Luis Obispo (3/11/14)
 Santa Barbara (1/17/14)
 Siskiyou (3/11/2014)
 Sonoma (2/25/14)
 Sutter (2/11/14)
 Tulare (2/4/14)
 Tuolumne (2/4/14)
 Yuba (2/18/14)

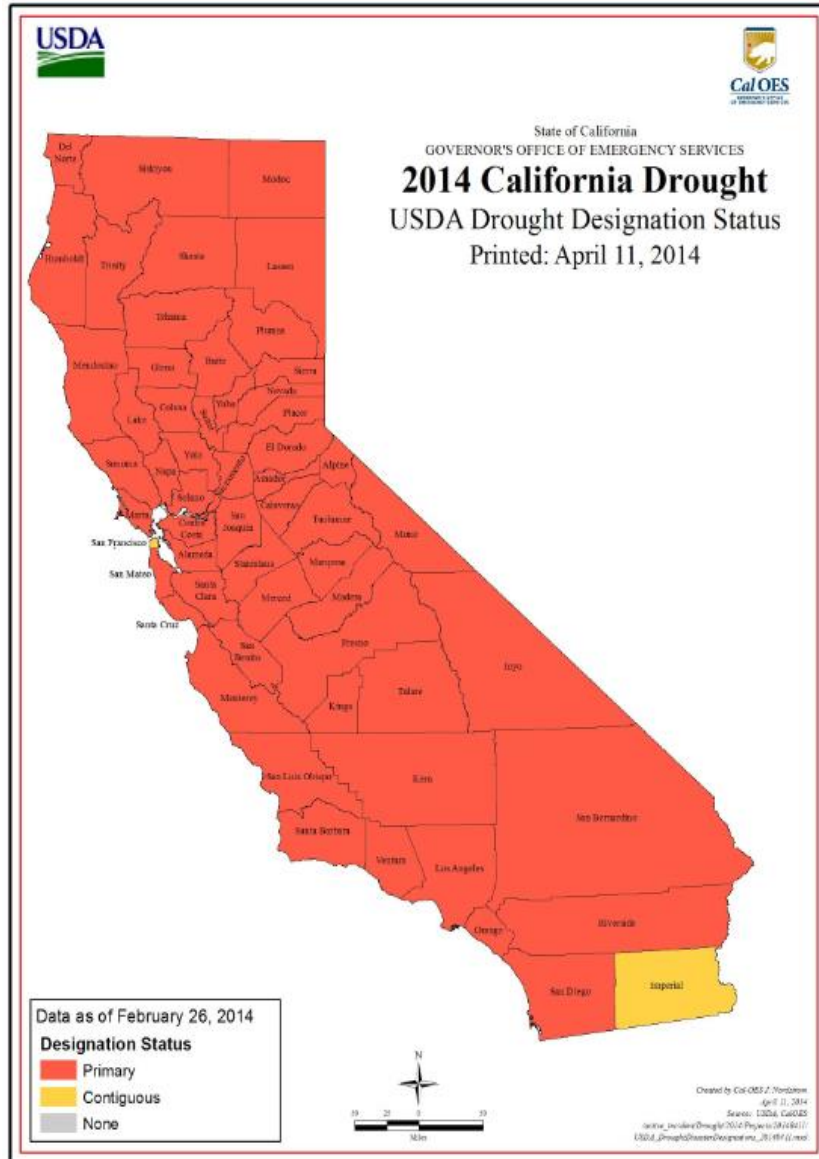
Tribal

Hoopa Valley Reservation (1/20/14)
 Sherwood Valley Pomo Indian Tribe (2/19/14)
 Yurok Reservation (1/29/14)
 Tule River Indian Tribe (1/30/14)
 Karuk Tribe (2/18/14)

Federal

None





USDA Disaster Designation

The United States Department of Agriculture (USDA) issued a secretarial disaster designation identifying 56 of 58 counties in California as primary natural disaster areas due to drought and 2 contiguous counties. This means that every county in California is now eligible to receive assistance.

USDA Disaster Designation – Individual Assistance

Information as of 4/11/14

